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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1 of 11

Complete if Known

Application Number	10/716,004
Filing Date	11/17/2003
First Named Inventor	VITERI, Fermín
Group Art Unit	3746
Examiner Name	GAGAREGOLA, Louis J.
Attorney Docket Number	0145.001

U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
LJC		864,017		Miller	08-20-1907	
		886,274		Tate	04-28-1908	
		1,013,907		Taylor	01-09-1912	
		1,227,275		Kraus	05-22-1917	
		1,372,121		Davis	03-22-1921	
		1,820,755		McMullen	08-25-1931	
		1,828,784		Perrin	10-27-1931	
		2,004,317		Forster	06-11-1935	
		2,033,010		Russell	03-03-1936	
		2,078,956		Lysholm	05-04-1937	
		2,168,313		Bichowsky	08-08-1939	
		2,218,281		Ridder	10-15-1940	
		2,359,108		Hoskins	09-26-1944	
		2,368,827		Hanson	02-06-1945	
		2,374,710		Smith	05-01-1945	
		2,417,835		Moore	03-25-1947	
		2,428,136		Barr	09-30-1947	
		2,469,238		Newton	05-03-1949	
		2,476,031		Farkas	07-12-1949	
		2,478,682		Blackwood	08-09-1949	

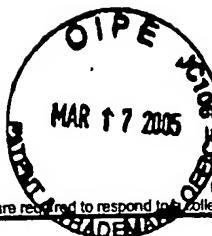
Examiner Signature	<i>L.J. Camargo</i>	Date Considered	<i>4/4/05</i>
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

2 of 11

Complete If Known

Application Number	107716,004
Filing Date	11/17/2003
First Named Inventor	VITERI, Fermin
Group Art Unit	3746
Examiner Name	CASAREGOLA, Louis J.
Attorney Docket Number	,0145.001

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
LJC		2,487,435		Goddard	11-08-1949	
		2,523,656		Goddard	09-26-1950	
		2,547,093		Ray	04-03-1951	
		2,563,028		Goddard	08-07-1951	
		2,568,787		Bosch	09-25-1951	
		2,582,938		Eastman	01-15-1952	
		2,605,610		Hermitte	08-05-1952	
		2,621,475		Loy	12-16-1952	
		2,636,345		Zoller	04-28-1953	
		2,654,217		Rettaliata	10-06-1953	
		2,656,677		Peterson	10-27-1953	
		2,662,373		Sherry	12-15-1953	
		2,678,531		Miller	05-18-1954	
		2,678,532		Miller	05-18-1954	
		2,697,482		Blizard	12-21-1954	
		2,717,491		Barr	09-13-1955	
		2,722,100		Goddard	11-01-1955	
		2,763,987		Kretschmer	09-25-1956	
↓		2,770,097		Walker	11-13-1956	
		2,832,194		Kuhner	04-29-1958	

Examiner
Signature

L. S. Casaregola

Date
Considered

4/4/05

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
Sheet	3	of	11	Application Number	10716,004
				Filing Date	11/17/2003
				First Named Inventor	VITERI, Femmin
				Group Art Unit	3746
				Examiner Name	CASAREGOLA, Louis J.
				Attorney Docket Number	,0145.001

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
<i>LJC</i>		2,869,324		Foote	01-20-1959	
		2,884,912		Lewis	05-05-1959	
		2,916,877		Walter	12-15-1959	
		2,986,882		Pavlecka	06-06-1961	
		3,038,308		Fuller	06-12-1962	
		3,054,257		Schelp	09-18-1962	
		3,101,592		Robertson	08-27-1963	
		3,134,228		Wolansky	05-26-1964	
		3,183,864		Stengel	05-18-1965	
		3,238,719		Harslem	03-08-1966	
		3,298,176		Forsyth	01-17-1967	
		3,302,596		Zinn	02-07-1967	
		3,315,467		Dewitt	04-25-1967	
		3,331,671		Goodwin	07-18-1967	
		3,335,565		Aguet	08-15-1967	
		3,359,723		Bohensky	12-26-1967	
		3,385,381		Calaman	05-28-1968	
		3,423,028		Stupakis	01-21-1969	
<i>V</i>		3,459,953		Hughes	08-05-1969	
		3,559,402		Stone	02-02-1971	

Examiner Signature	<i>LJC Casarella</i>	Date Considered	<i>4/4/05</i>
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
Substitute for form 1449A/PTO				Application Number 10/7716,004 Filing Date 11/17/2003 First Named Inventor VITERI, Fermin Group Art Unit 3746 Examiner Name CASAREGOLA, Louis J.	
Sheet	4	of	11	Attorney Docket Number	.0145.001

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
EDC	3,574,507			Kydd	04-13-1971	
	3,608,529			Smith	09-28-1971	
	3,649,469			MacBeth	03-14-1972	
	3,657,879			Ewbank	04-25-1972	
	3,677,239			Elkins	07-18-1972	
	3,693,347			Kydd	09-26-1972	
	3,702,110			Hoffman	11-07-1972	
	3,703,807			Rice	11-28-1972	
	3,731,485			Rudolph	05-08-1973	
	3,736,745			Karig	06-05-1973	
	3,738,792			Feng	06-12-1973	
	3,747,336			Dibelius	07-24-1973	
	3,751,906			Leas	08-14-1973	
	3,722,881			Lange	11-20-1973	
	3,779,212			Wagner	12-18-1973	
	3,792,690			Cooper	02-19-1974	
	3,804,579			Wilhelm	04-16-1974	
	3,807,373			Chen	04-30-1974	
	3,826,080			DeCorso	07-30-1974	
	3,831,373			Flynt	08-27-1974	

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Examiner Signature	L.S. Cossanga	Date Considered	4/4/05
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<p>Substitute for form 1448A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>				<p>Complete if Known</p> <p>Application Number 10/710,004</p> <p>Filing Date 11/17/2003</p> <p>First Named Inventor VITERI, Femin</p> <p>Group Art Unit 3746</p> <p>Examiner Name CASAREGOLA, Louis J.</p>	
Sheet	5	of	11	Attorney Docket Number	.0145.001

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-OO-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			
ZAC		3,850,569		Alquist	11-26-1974	
		3,854,283		Stirling	12-17-1974	
		3,862,624		Underwood	01-28-1975	
		3,862,819		Wentworth	01-28-1975	
		3,928,961		Pfefferle	12-30-1975	
		3,972,180		Van Gelder	08-03-1976	
		3,978,661		Cheng	09-07-1976	
		3,980,064		Ariga	09-14-1976	
		3,982,878		Yamane	09-28-1976	
		4,063,414		Sata	12-20-1977	
		4,118,925		Sperry	10-10-1978	
		4,133,171		Earnest	01-09-1979	
		4,148,185		Somers	04-10-1979	
		4,193,259		Muenger	03-18-1980	
		4,194,890		McCombs	03-25-1980	
		4,199,327		Hempill	04-22-1980	
		4,224,299		Barber	09-23-1980	
		4,224,991		Sowa	09-30-1980	
V		4,249,371		Romeyke	02-10-1981	
		4,271,664		Earnest	06-09-1981	

FOREIGN PATENT DOCUMENTS

Examiner Signature	<i>S. J. Consiglio</i>	Date Considered	4/4/05
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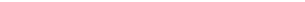
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete If Known	
Application Number	10/716,004				
Filing Date	11/17/2003				
First Named Inventor	VITERI, Fermín				
Group Art Unit	3746				
Examiner Name	CASAREGOLA, Louis J.				
Sheet	6	of	11	Attorney Docket Number	.0145.001

U.S. PATENT DOCUMENTS

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		Number			
180	4,273,743		Barber	06-16-1981	
	4,297,841		Cheng	11-03-1981	
	4,313,300		Wilkes	02-02-1982	
	4,327,547		Hughes	05-04-1982	
	4,377,067		Sternfeld	03-22-1983	
	4,425,755		Hughes	01-17-1984	
	4,426,842		Collet	01-24-1984	
	4,434,613		Stahl	03-06-1984	
✓	4,456,069		Vigneri	06-26-1984	
	4,465,023		Wagner	08-14-1984	
	4,498,209		Osgerby	02-12-1985	
180	4,499,721		Cheng	02-19-1985	
	4,509,324		Urbach	04-09-1985	
	4,519,769		Tanaka	05-28-1985	
	4,528,811		Stahl	07-16-1985	
	4,533,314		Herberling	08-06-1985	
	4,549,397		Cheng	10-29-1985	
	4,622,007		Gitman	11-11-1986	
	4,631,914		Hines	12-30-1986	
	4,657,009		Zen	04-14-1987	

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	4/4/05
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Cited on p70-892.

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Sheet	7	of	11	Application Number	10/716,004
				Filing Date	11/17/2003
				First Named Inventor	VITERI, Fermín
				Group Art Unit	3746
				Examiner Name	CASAREGOLA, Louis J.
				Attorney Docket Number	0145.001

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Examiner Initials*	Cite No.*	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code* (if known)			
✓ JC		4,674,463		Duckworth	06-23-1987	
		4,680,927		Cheng	07-21-1987	
		4,716,737		Mandrin	01-05-1988	
		4,731,989		Furuya	03-22-1988	
		4,765,143		Crawford	08-23-1988	
		4,825,650		Hosford	05-02-1989	
		4,841,721		Patton	06-27-1989	
		4,845,940		Beer	07-11-1989	
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		4,899,537		Cheng	02-13-1990	
		4,910,008		Prudhon	03-20-1990	
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		4,928,478		Maslak	05-29-1990	
		4,942,734		Markbreiter	07-24-1990	
		4,948,055		Belcher	08-14-1990	
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		5,050,375		Dickinson	09-24-1991	
		5,055,030		Schirmer	10-08-1991	
		5,069,031		Shekleton	12-03-1991	

FOREIGN PATENT DOCUMENTS

Examiner Signature	<i>J. J. Conner</i>	Date Considered	4/4/05
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<p>Sheet</p>		<p>8</p>	<p>of</p>	<p>11</p>	<p>Attorney Docket Number</p>
					<p>10/716,004</p>
					<p>11/17/2003</p>
					<p>VITERI, Fermín</p>
					<p>3746</p>
					<p>CASAREGOLA, Louis J.</p>
					<p>.0145.001</p>

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		Number	Kind Code ² (if known)			
Zo, 12	5,088,450			Sternfeld	02-18-1992	
	5,103,630			Correa	04-14-1992	
	5,131,225			Roettger	07-21-1992	
	5,175,994			Fox	01-05-1993	
	5,175,995			Pak	01-05-1993	
	5,247,791			Pak	09-28-1993	
	5,265,410			Hisatome	11-30-1993	
	5,285,628			Korenberg	02-15-1994	
	5,304,356			Iijima	04-19-1994	
	5,329,758			Urbach	07-19-1994	
	5,353,589			Althaus	10-11-1994	
	5,363,642			Frutschi	11-15-1994	
	5,364,611			Iijima	11-15-1994	
	5,413,879			Domeracki	05-09-1995	
	5,417,053			Uji	05-23-1995	
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Examiner Signature	<i>L. J. Conroy</i>	Date Considered	<i>4/4/05</i>
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<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(use as many sheets as necessary)</i></p>				Complete if Known	
				Application Number	10/716,004
				Filing Date	11/17/2003
				First Named Inventor	VITERI, Fermín
				Group Art Unit	3746
				Examiner Name	CASAREGOLA, Louis J.
Sheet	9	of	11	Attorney Docket Number	0145,001

U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	U.S. Patent Document	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number			
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Examiner Signature	<i>S. S. Cawood</i>	Date Considered	<i>4/4/05</i>
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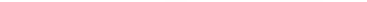
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<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>				<p>Complete if Known</p>	
				Application Number	10/716,004
				Filing Date	11/17/2003
				First Named Inventor	VITERI, Fermín
				Group Art Unit	3740
				Examiner Name	CASAREGOLA, Louis J.
Sheet	10	of	11	Attorney Docket Number	0145,001

U.S. PATENT DOCUMENTS

Examiner (Initials)	Cite No. ¹	U.S. Patent Document	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number (if known)			
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Examiner Signature		Date Considered	4/8/05
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Substitute for form 1449/A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/716,004
				Filing Date	11/17/2003
				First Named Inventor	VITERI, Fermín
				Group Art Unit	8746
				Examiner Name	CASAREGOLA, Louis J.
Sheet	11	of	11	Attorney Docket Number	0145,001

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Examiner Signature	L. D. Cawood	Date Considered	4/8/08
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* Cited on 170-892